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| 10/636,082      | 08/07/2003  | Jennifer Jie Fu      | 200208209-1         | 9826             |

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| EXAMINER |
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CHUONG, TRUC T

|          |              |
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| ART UNIT | PAPER NUMBER |
|----------|--------------|

2179

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE  | DELIVERY MODE |
|--|------------|---------------|
| 3 MONTHS                               | 02/08/2007 | PAPER         |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

|                              |                 |                  |  |
|------------------------------|-----------------|------------------|--|
| <b>Office Action Summary</b> | Application No. | Applicant(s)     |  |
|                              | 10/636,082      | FU, JENNIFER JIE |  |
|                              | Examiner        | Art Unit         |  |
|                              | Truc T. Chuong  | 2179             |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 August 2003.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a));
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### DETAILED ACTION

This communication is first responsive the application, filed 08/07/03.

Claims 1-19 are pending in this application. In the application, claims 1, 11, and 16 are independent claims. This action is made non-final.

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Tung Ng et al. ("Tung", U.S. Patent No. 6,279,008 B1).

As to claim 1, Tung shows an article of manufacture comprising a program storage medium having computer readable code embodied therein, said computer readable code being configured to implement a graphical user interface (GUI) template, said GUI template being configured to create one of a plurality of graphical user interfaces (GUIs), comprising:

computer readable code for rendering a plurality of GUI components (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1);

computer readable code for implementing a plurality of functions (RDBMS, e.g., col. 4 lines 21-38), each of said plurality of functions being associated with one of said plurality of GUI components (e.g., col. 4 lines 45-60), one of said plurality of functions being invoked when

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a respective one of said plurality of GUI components is activated by a user via said one of said plurality of GUIs (e.g., col. 4 lines 40-60); and

computer readable code for implementing a calling mechanism, said calling mechanism permitting a user to specify a subset (e.g., fig. 17 shows the subset of FIELD including phone, company, etc...) of said plurality of GUI components to be rendered in said one of said plurality of GUIs (e.g., col. 12 lines 54-65 and fig. 17).

As to claim 2., Tung shows the article of manufacture of claim 1 wherein at least two of said plurality of said GUIs have different sets of GUI components, each of said sets of GUI components being a subset of said plurality of GUI components (e.g., col. 12 lines 54-65 fig. 17 shows the subset of FIELD including phone, company, etc...).

As to claim 3, Tung shows the article of manufacture of claim 1 wherein said plurality of GUI components comprise a required subset and an optional subset, said required subset representing GUI components to be rendered in each of said plurality of GUIs, said optional subset representing GUI components rendered only when specified by said user through said calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20).

As to claim 4, Tung shows the article of manufacture of claim 3 further comprising computer readable code implementing a visual scheme for said one of said plurality of (GUIs) (e.g., figs. 16-17).

As to claim 5, Tung shows the article of manufacture of claim 3 further comprising computer readable code implementing plurality of user-selectable visual schemes for said one of said plurality of (GUIs), said plurality of user-selectable visual schemes being selectable through

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said calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20, and 16-17).

As to claim 6, Tung shows the article of manufacture of claim 5 wherein said plurality of user-selectable visual schemes include locations for at least one of said plurality of GUI components (e.g., figs. 16-17).

As to claim 7, Tung shows the article of manufacture of claim 1 further comprising computer readable code for implementing an application programming interface (API) to facilitate extending said one of said plurality of GUIs (API, e.g., col. 6 lines 25-30).

As to claim 8, Tung shows the article of manufacture of claim 1 further comprising computer readable code for implementing an application programming interface (API) to facilitate inter-operability (API, e.g., col. 6 lines 25-30).

As to claim 9, Tung shows the article of manufacture of claim 1 wherein said calling mechanism further includes a mechanism for receiving data to be rendered in a given one of said plurality of said GUI components (the object oriented application to be accessed, e.g., col. 4 lines 15-20, and 16-17).

As to claim 10, Tung shows the article of manufacture of claim 9 wherein said given one of said plurality of GUI components is one of a table, a graph, and a chart (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1).

As to claim 11, Tung shows a method for creating a re-useable high level graphical user interface (RHL-GUI) template, comprising:

ascertaining a plurality of required components for said RHL-GUI template (the object oriented application to be accessed, edited, shared, and created, e.g., col. 4 lines 10-31), each of

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plurality of required components being implemented using furnished features in a GUI creation software (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1);

ascertaining a default look-and-feel for said RHL-GUI template (e.g., figs. 13-18);

coding a set of functions (Apple 412 includes object-oriented code that accesses tables in a database, e.g., col. 7 lines 15-22);

associating said set of functions with selective ones of said plurality of required components of said RHL-GUI template (e.g., figs. 16-17), one of said set of functions being invoked when an associated one of said selective ones of said plurality of required components is activated by a user (e.g., figs. 16-17 show check box (radio) can be selected/set by the user);

providing a calling mechanism for said RHL-GUI template, said calling mechanism, when invoked, renders said RHL-GUI template having said plurality of required components, implementing said functions, and conforming to said default look-and-feel (the object oriented application to be accessed, e.g., col. 4 lines 15-20).

As to claim 12, Tung shows the method of claim 11 further comprising:

ascertaining a plurality of optional components for said RHL-GUI template, each of said plurality of said optional components being implemented using said furnished features in said existing GUI creation software (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1);

providing optional calling parameters for said calling mechanism, said optional calling parameters, when invoked in conjunction with said calling mechanism, renders at least a subset

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of said plurality of optional components as part of said RHL-GUI template (e.g., fig. 17 shows the subset of FIELD including phone, company, etc...).

As to claim 13, Tung shows the method of claim 11 wherein said GUI creation software is Java Swing.TM (Java.TM. programming language, e.g., col. 5 line 65-col. 6 line 6).

As to claim 14, Tung shows the method of claim 11 wherein said RHL-GUI template pertains to a table GUI (e.g., figs. 13-17).

As to claim 15, Tung shows the method of claim 11 further comprising: providing an application programming interface with said RHL-GUI template to facilitate interoperability between said RHL-GUI template and other components external to said RHL-GUI template (the object oriented application to be accessed, e.g., col. 4 lines 15-20).

As to claim 16, Tung shows an article of manufacture comprising a program storage medium having computer readable code embodied therein, said computer readable code being configured to implement a graphical user interface (GUI) template, said GUI template being configured to create one of a plurality of graphical user interfaces (GUIs), comprising:

computer readable code for implementing a calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20);

computer readable code for rendering a plurality of GUI components (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1);

computer readable code for implementing a plurality of functions, each of said plurality of functions being associated with one of said plurality of GUI components, one of said plurality of functions being invoked when a respective one of said plurality of GUI components is

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activated by a user via said one of said plurality of GUIs (e.g., figs. 16-17 show check box (radio) can be selected/set by the user);

at least one of said plurality of functions, when invoked, affects a GUI component other than a GUI component associated with said at least one of said plurality of functions, wherein said calling mechanism permits a user to specify a subset of said plurality of GUI components to be rendered in said one of said plurality of GUIs, said calling mechanism further includes a mechanism for receiving data to be rendered in a given one of said plurality of GUI components (e.g., fig. 17 shows the subset of FIELD including phone, company, etc...).

As to claim 17, Tung shows the article of manufacture of claim 16 wherein at least two of said plurality of said GUIs have different sets of GUI components, each of said sets of GUI components being a subset of said plurality of GUI components, said different sets of GUI components being specified through said calling mechanism (e.g., figs. 13-17).

As to claim 18, Tung shows the article of manufacture of claim 16 wherein said plurality of GUI components comprise a required subset and an optional subset, said required subset representing GUI components to be rendered in each of said plurality of GUIs, said optional subset representing GUI components rendered only when specified by said user through said calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20).

As to claim 19, Tung shows the article of manufacture of claim 16 further comprising computer readable code implementing plurality of user-selectable visual schemes for said one of said plurality of (GUIs), said plurality of user-selectable visual schemes being selectable through said calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20).



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***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Minami et al. (U.S. 6,407,751 B1) teach templates, GUI, code, and object-oriented classes (cols. 2-19 and figs. 2-16).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T. Chuong whose telephone number is 571-272-4134. The examiner can normally be reached on M-Th and alternate Fridays 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA/OR CANADA) or 571-272-1000.

Truc T. Chuong

01/22/07

**BA HUYNH**  
**PRIMARY EXAMINER**